

Converting Colors

CIELCh(86, 33.508, 73.075)

Have a look what the booklet for
CIELCh(86, 33.508, 73.075) contains.

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Color

CIELCh(86, 33.543, 73.055)

Conversions

Conversions Part 1

Format	Color
Hex	FECF9B
RGB	254, 207, 155
RGB Percent	100%, 81%, 61%
CMY	0.0044, 0.1886, 0.3925
CMYK	0.00, 0.19, 0.39, 0.00
HSL	32°, 98%, 80%
HSV	32°, 39%, 100%
XYZ	69.0269, 67.9871, 40.4504
YIQ	215.1250, 44.7040, -6.2080

Conversions

Conversions Part 2

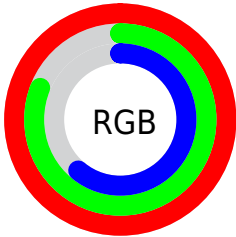
Format	Color
R_{YB}	244, 254, 155
Decimal	16699291
CIE _{Lab}	86.00, 9.78, 32.09
CIE _{LCh}	86, 33.543, 73.055
Yxy	67.9871, 0.3890, 0.3831
Android (android.graphics.Color)	4294889371 (0xFFFE9B)
YUV	215.1250, -29.6416, 34.0934
Hunter-Lab	82.4543, 5.1370, 28.6315

Details

The CIELCh color **86, 33.543, 73.055** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 30.527, 264.924**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.729, 108.455**, and **66, 33.784, 73.226** is the 20% darker color. If you saturate the color by 10%, you get **83, 43.012, 71.716**, and if you desaturate by 10%, it is **89, 24.409, 74.382**.

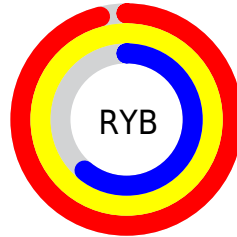
Distribution



Red (100%)

Green (81%)

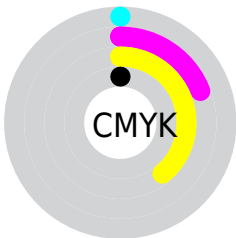
Blue (61%)



Red (96%)

Yellow (100%)

Blue (61%)

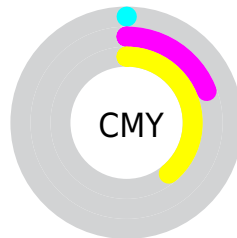


Cyan (0%)

Magenta (19%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 33.543, 73.055 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 86, 33.543, 73.055 by changing the saturation by 10% instead.

86, 33.543, 73.055

86, 33.543, 73.055

100, 33.543,
73.055

76, 33.543, 73.055

66, 33.543, 73.055

56, 33.543, 73.055

46, 33.543, 73.055

36, 33.543, 73.055

26, 33.543, 73.055

16, 33.543, 73.055

6, 33.543, 73.055

0, 33.543, 73.055

86, 33.543, 73.055

86, 33.543, 73.055

83, 43.012, 71.716

89, 24.409, 74.382

80, 52.704, 70.332

93, 15.644, 75.678

76, 62.354, 68.859

96, 7.246, 76.929

74, 71.424, 67.181

100, 0.386,
201.096

71, 78.959, 65.060

68, 83.968, 62.218

68, 84.426, 61.928

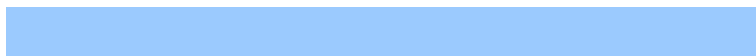
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



86, 33.543, 73.055



80, 30.527, 264.924

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 33.543, 73.055



86, 33.543, 123.055



86, 33.543, 253.055



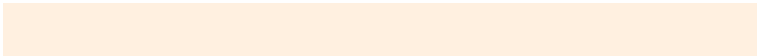
86, 33.543, 303.055

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



86, 33.543, 73.061



96, 9.772, 76.560



75, 43.945, 348.548



51, 6.500, 76.398



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 33.543, 73.061



84, 41.253, 71.984



98, 49.301, 107.153



51, 4.605, 76.867



52, 68.022, 62.621



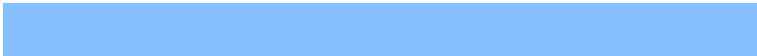
16, 27.023, 64.368

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



80, 30.527, 264.924



76, 36.774, 266.976



68, 54.569, 295.930



50, 4.520, 259.436



40, 61.318, 286.571



11, 24.843, 280.221

Previews

White Background



This preview shows how the CIELCh color 86, 33.543, 73.055 looks on a white background.

Color Contrast Check

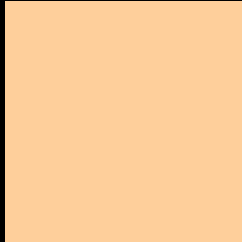
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 86, 33.543, 73.055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 33.543, 73.055

Background



This preview shows how black text looks on a background with the CIELCh color 86, 33.543, 73.055.



This preview shows how white text looks on a background with the CIELCh color 86, 33.543, 73.055.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86, 33.543, 73.055

Protanopia

86, 30.309, 95.444

Deuteranopia

86, 33.215, 71.040



Tritanopia
86, 21.238, 1.054

Trichromacy



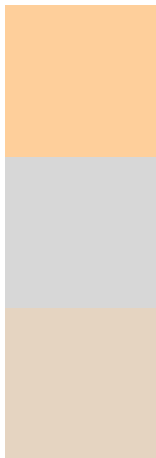
Original Color
86, 33.543, 73.055

Protanomaly
86, 30.726, 86.980

Deuteranomaly
86, 33.215, 71.040

Tritanomaly
86, 20.772, 35.260

Monochromacy



Original Color
86, 33.543, 73.055

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 11.846, 76.358

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 33.543, 73.055 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 207, 155)` looks like.

```
.text, #text, p{  
    color:rgb(254, 207, 155)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 207, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 207, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 33.543, 73.055 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 207, 155) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 207, 155) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 207, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 207, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 207, 155);  
box-shadow:4px 4px 4px 4px rgb(254, 207,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 33.543, 73.055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 207, 155) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
207, 155) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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